

特种电缆

- 1、补偿电缆
- 2、聚全氟乙丙烯绝缘硅橡胶护套特种高温电缆
- 3、硅橡胶电力电缆
- 4、隔层电缆
- 5、核电站用 1E 级 K3 类电缆

射频电缆

第安电缆

补偿导线、补偿电缆

Compensated wire. Compensated Cable

1、执行标准

本产品技校指标符合 IEC584-3、GB/T4989-1994 标准

2、使用特性

工作温度：耐热级：最高 200°C 和 260°C

普通级：最高 70°C 和 105°C

最低环境温度：氟塑料绝缘和护套线缆：固定敷设-60°C

非固定敷设-20°C

最小弯曲半径：聚氯乙烯绝缘和护套非铠装线缆不小于电缆外径的 6 倍，氟塑料绝缘和护套非铠装线缆外径的 10 倍，铠装电缆不小于电缆外径的 12 倍。

3、产品用途

补偿导线、补偿电缆与热电偶配套，用于电力、冶金、石油、化工、轻纺等厂矿及科研部门中的温度测量和控制系统。

1、STANDARD IMPLEMENTED

The technical data of the product is up to IEC 584-3 and G B/T4989-1994.

2、SERVICE CHARACTERISTICS

Operating temp: for heat resisting degree; two max values 200°C and 260°C for common degree.
two max values : 70°C and 105°C

The lowest ambient temp: for fluoroplastics insulated and sheaf hed cables :-60%': fixed laying-20°C.unfixed laying

The rain bend radius: for PVC insulated and sheathed unarmored Cables. $\geq 6 \times$ outer diam.
For fluoroplastics insulated and sheathed unarmored cables. $\geq 10 \times$ outer diam. For armored cables $\geq 12 \times$ outer diarn.

3、APPLICATION

With an outfit era thermal couple. compensated wires and cables can be applied to temperature measuring and controlling system sin power m-etallurgy. petrol chemical industry. light indnstry and scientific resea-rch departments.

- 1、合金丝 Alloy wire
- 2、绝缘层 Insulation layer
- 3、绕包带 Wrapping taper
- 4、填充 Filler
- 5、屏蔽 Screen layer
- 6、外护套 Outer sheath

补偿导线、补偿电缆与配用热电偶见下表：

Compensated wire. compensated cable and equipped

thermal couple to see table:

表 1 补偿导线合金丝和绝缘层颜色

Table 1 alloy wire of compensated conductor and color of insulation

补偿导线型号 Types of compensated wire	补偿导线合金丝 Alloy wire of compensated conductor		补偿导线绝缘层着色 COLOR of compensated cables		配用热电偶的分度号 Graduated number of equipped thermal couple
	正级 Positive pole	负极 Negative pole	正级 Positive pole	负极 Negative pole	
SC	SPC(铜) (Cu)	ENX(铜镍) (Copper nickel)	红 red	绿 green	S (铂铑 10—铂) S(P+Ph10-P+)
KCA	KPCA(铁) (Fe)	KNCA(铜镍) (Copper nickel)	红 red	蓝 blue	K (镍铬—镍硅) K(Nichrom10-Pt)
KCB	KPCB(铜) (Cu)	KNCB(铜镍) (Copper nickel)	红 red	蓝 blue	K (镍铬—镍硅) K (Nichrome-Nisi)
KX	KPX(镍铬) (Nichrone)	LNX(铜镍) (Copper nickel)	红 red	黑 black	E (镍铬—镍硅) K (Nichrome-Nisi)
EX	EPX (镍铬) (Nichrone)	ENX(铜镍) (Copper nickel)	红 red	棕 brown	E (镍铬—镍硅) E(Nichreme-Coppernicke)
JX	JPX (铁) (Fe))	JNX(铜镍) (Copper nickel)	红 red	紫 purple	J(铁—铜镍) J(Fe-coopernickel)
TX	TPX (铜) (Cu)	TNX(铜镍) (Copper nickel)	红 red	白 white	T(铜—康铜) T(Cu-copper)
NC	NPC (铁) (Fe)	NNC(铜镍) (Copper nickel)	红 red	灰 grey	N(镍铬硅—镍硅) N(nichrosi-Nisi)

注：补偿导线型号第一个字母与热电偶的分度号对应，第二个字母中“X”表示延伸型补偿导线(与热电偶材料相同)“C”表示补偿型补偿导线。

The first number of compensated wire type accords with the graduated number of thermal couple. For the second letter. "X" stands for extension compensated wire(the same with thermal couple material)and "C" stands for compensation compensated wire.